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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Van Amsterdam on 4/2/04.

The application has been amended as follows:

IN THE CLAIMS:

In claim 1, delete "1:0.2-1:5" and insert --in the range of 1:0.2 to 1:5 (w/w)-therefor.

In claim 3, delete "1:0.2:0.01-1:5:1" and insert --in the range of 1:0.2:0.01 to 1:5:1 (w/w)-- therefor.

Claim 8 (currently amended). The solid preparation for oral administration according to claim 4 wherein the disintegrator is mixed for [the] production in [the] <u>a</u> ratio in the range of 1:0.5 to 1:10 (w/w) against the content of the nucleic acid drug.

In claim 12, delete "disintegrators are" and insert --disintegrator is-- therefor.

13. (Currently amended) The solid preparation for oral administration according to claim 4 wherein the [saccharides are monosaccharides and/or disaccharides] saccharide is a monsaccharide or a disaccharide selected from the group consisting of lactose, fructose, sucrose, glucose xylitol, maltose, mannitol and sorbitol, or is a [polysaccharides and derivatives] polysaccharide or derivative thereof such as cellulose,

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crystalline cellulose, hydroxypropyl cellulose, hydroxypropylmethyl cellulose, ethyl cellulose, starch, dextrin, dextran, pectin and pullulan.

In claim 14, delete "excipients are" and insert --excipient is—therefor.

In claim 15, delete "drugs are" and insert --drug is-- therefor.

In claim 16, delete "binders are" and insert --binder is--.

In claim 17, delete "carriers are" and insert --carrier is-- therefor.

In claim 18, delete "comprising" and insert --consisting of-- therefor.

Reasons for Allowance

Applicant's amendments overcome the previous rejections under 35 USC 112, second paragraph, 35 USC 102, and 35 USC 103. The previous rejection under 35 USC 112, first paragraph fro lack of enablement for compositions for delivery of phage or triplex forming nucleic acids to the lower digestive tracts is withdrawn for the following reasons. In the response filed 1/9/04, Applicant presented evidence that at the time of filing phage had been developed that were useful for delivering and expressing nucleic acids in animals in vivo. See Gold et al US Patent 5,736,388. In view of the fact that one could deliver other nucleic acids and viruses to the colon, a composition comprising such phage is be enabled. With respect to triplex forming oligonucleotides (TFOs), a further review of the prior art shows that prior to the time of filing, it was established that TFOs could affect gene expression in eukaryotic cells by binding to promoter regions of chromosomal genes. In view of the fact that antisense oligonucleotides can be delivered to the colon and will function to inhibit gene expression therein, the fact that

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the TFOs and antisense both function by hybridization to cellular target sequences, and in the absence of specific evidence showing that TFOs will not function in vivo, the rejection is withdrawn.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner(s) should be directed to Richard Schnizer, whose telephone number is 571-272-0762. The examiner can normally be reached Monday through Friday between the hours of 6:20 AM and 3:50 PM. The examiner is off on alternate Fridays, but is sometimes in the office anyway.

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, John Leguyader, be reached at 571-272-0760. The official central fax number is 703-872-9306. Inquiries of a general nature or relating to the status of the application should be directed to the Patent Analyst Trina Turner whose telephone number is 571-272-0564.

Richard Schnizer, Ph.D.